

# INTERNATIONAL SEARCH REPORT

PCT/US 03/11642

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7	B29C45/17	B29C44/10	B29B17/00	B29C45/16	B29C44/04
	B65D5/42	B65D85/02	B65D5/56	B65D81/107	B29B17/02
	C08J11/08	B08B3/04	B02C19/14	B09B3/00	B01F13/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B29C B29B B65D C08J B08B B02C B09B B01F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 81058 A (BACHER HELMUT ;SCHULZ HELMUTH (AT); WENDELIN GEORG (AT)) 1 November 2001 (2001-11-01) page 1, line 1 -page 3, line 35 abstract; claims 1-23; figures 1-14	1-14
X	US 6 114 401 A (DOONAN BILLIE ODELL) 5 September 2000 (2000-09-05) column 2, line 30 -column 3, line 3 abstract; claims 1-20; figure 1	1-14
X	WO 99 25493 A (SCHWASS ERIC WINSTON) 27 May 1999 (1999-05-27) page 2, line 14 -page 7, line 3 abstract; claims 1-13; figure 1	1-14
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

16 July 2003

Date of mailing of the international search report

29/07/2003

Name and mailing address of the ISA

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# INTERNATIONAL SEARCH REPORT

PCT/US 03/11642

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B02C18/22 B29C47/58 B02C18/14 B02C18/44 B29C47/10

According to International Patent Classification (IPC) or to both national classification and IPC

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Minimum documentation searched (classification system followed by classification symbols)

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## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 197 44 964 A (RECYTECH GMBH) 15 April 1999 (1999-04-15) column 1, line 22 -column 3, line 16 abstract; claims 1-16	1-14
X	DE 44 24 143 A (ELGES WILHELM) 11 January 1996 (1996-01-11) column 1, line 36 -column 3, line 39 abstract; claims 1-14; figure 1	1-14
X	US 5 131 212 A (GREY MICHAEL J ET AL) 21 July 1992 (1992-07-21) column 1, line 55 -column 2, line 60 abstract; claims 1-13; figures 1-9	1-14
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PCT/US 03/11642

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 40 20 417 A (ZIMMERMANN WOLFGANG) 2 January 1992 (1992-01-02) column 1, line 20 - line 67 abstract; claims 1,2 -----	1-14

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Information on patent family members

PCT/US 03/11642

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0181058	A	01-11-2001	AT 5072 U1 WO 0181058 A1 AU 5198800 A DE 20011402 U1 EP 1276597 A1	25-03-2002 01-11-2001 07-11-2001 28-09-2000 22-01-2003
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